

ABSTRACT OF THE DISCLOSURE

The present invention relates to a novel flocculant comprising bacteria of the *Bacillus* genus cultivated in a culture medium comprising soybean protein, glucose, molasses, and yeast. Alternatively, the flocculant comprises soybean protein. The present invention also relates to methods of making the flocculant, including fermentation method for mass production, and methods of using the flocculant in water treatment.